

Single

This algorithm is used for nodes where the local value is combined with the global input values using a single operator.

The output value of a node with “Single” as algorithm is computed according to the following rule:

$$\text{Output value} = \text{Op}_1(X_1, X_2, \dots, LR)$$

where Op_1 is the “Operator 1” for this node, X_1, X_2, \dots represent its input values, L is the local factor of the node, and R is a random number generated from the distribution of the node. Note, however, that if the node does not include stochastic values, the R -factor is skipped.

Whenever you create a stochastic node which is not “Independent”, its algorithm is initialized to be “Single”.